#### 01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA

LOCATION.--Lat 40°12'22", long 75°33'57", Montgomery County, Hydrologic Unit 02040203, on left bank 100 ft upstream from Vincent Dam, and 0.3 mi south of Linfield.

**DRAINAGE AREA**.--1,189 mi<sup>2</sup>.

PERIOD OF RECORD.--Water years 1986 to current year.

#### PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: January 1986 to September 1990. WATER TEMPERATURE: September 1989 to current year.

DISSOLVED OXYGEN: January 1986 to September 1990; March 1997 to current year.

**INSTRUMENTATION.**--Water-quality monitor January 1986 to September 1990, March 1997 to current year. In situ water temperature probe since October 1990. Probes interfaced with a data collection platform.

REMARKS.--Dissolved oxygen collection discontinued October through March. Other interruptions in the record were due to pump intake out of water and instrument malfunctions.

#### EXTREMES FOR PERIOD OF DAILY RECORD.--

SPECIFIC CONDUCTANCE: Maximum, 752 microsiemens, Sept. 15, 1989; minimum, 118 microsiemens, Sept. 15, 1987. WATER TEMPERATURE: Maximum, 33.5°C, July 6, 1999; minimum, 0.0°C, many days during winters. DISSOLVED OXYGEN: Maximum, 19.6 mg/L, Mar. 24, 1988; minimum, 0.8 mg/L, July 26, 1986.

#### EXTREMES FOR CURRENT YEAR.--

WATER TEMPERATURE: Maximum 33.5°C, July 6; minimum, 0.0°C, Dec. 27, Jan. 1-3, 5-12, 14-16.

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN		
	OCTOBER				NOVEMBER			DECEMBER	2		JANUARY			
1 2 3 4 5	21.0 19.0 17.5 15.5 17.0	19.0 16.5 15.5 14.5	20.5 18.0 16.0 15.0	12.5 12.5 11.5 11.0 9.0	10.5 10.5 9.5 9.0 7.5	11.5 11.5 10.5 10.0 8.5	10.5 9.5 10.5 12.0 12.5	8.5 7.5 8.0 9.5 11.5	9.5 8.5 9.0 10.5 12.0	1.0 .0 1.0 2.0 .5	.0 .0 .0 .5	.5 .0 .5 1.0		
6 7 8 9 10	17.5 17.0 17.5 17.5 16.5	15.0 16.0 16.5 16.5	16.0 16.5 17.0 17.0	8.5 9.0 9.5 10.5 9.5	7.0 7.0 8.5 9.0 8.5	8.0 8.0 9.0 9.5 8.5	12.5 13.5 13.0 11.5 9.0	11.0 11.5 11.5 9.0 7.5	12.0 12.5 12.0 10.5 8.0	.0	.0 .0 .0 .0	.0.0.0.0		
11 12 13 14 15	17.0 17.0 18.0 18.0 17.0	15.5 16.0 16.5 17.0 15.5	16.0 16.5 17.0 17.5 16.0	12.0 11.0 10.0 10.0	9.5 9.0 8.5 8.0	10.5 10.0 9.0 9.0 9.5	8.0 6.5 6.5 6.5	6.5 5.5 6.0 5.5 4.0	7.5 6.0 6.5 6.0 5.0	.5 2.0 3.5 2.5	.0 .0 1.5 .0	.0 1.0 2.5 1.0		
16 17 18 19 20	16.0 16.0 17.0 18.0 17.0	14.0 14.0 14.5 16.0 15.0	15.0 15.0 15.5 17.0 16.0	10.0 11.0 10.5 9.0 10.5	8.5 9.5 9.0 7.5 9.0	9.0 10.0 9.5 8.5 9.5	5.0 5.5 5.5 5.5 6.5	4.0 4.5 4.0 3.5 5.0	4.5 5.0 4.5 4.5 5.5	2.0 3.0 3.0 2.0 2.0	.0 1.0 1.5 .5	1.0 2.0 2.5 1.5 2.0		
21 22 23 24 25	15.5 13.5 13.0 	13.5 12.0 10.5	14.5 12.5 12.0 	10.0 9.0 8.5 9.5 8.5	8.5 7.5 6.5 7.5 7.0	9.0 8.5 7.5 8.5	8.0 9.0 5.5 3.0 2.5	6.5 5.5 3.0 2.0	7.0 8.0 4.0 2.5 2.0	2.5 3.5 4.5 6.0 5.0	2.0 2.5 3.5 4.5 4.0	2.5 3.0 4.0 5.5 4.0		
26 27 28 29 30 31	  14.0 13.5 13.0	  12.5 11.5 10.5	  13.5 12.5 11.5	9.0 9.0 8.5 9.0 9.5	7.5 8.0 7.0 7.0 8.0	8.0 8.5 8.0 8.0 9.0	1.5 1.5 2.5 3.5 3.5	.5 .0 1.0 2.5 1.0	1.0 1.0 2.0 3.0 3.0	4.5 4.5 5.0 5.5 5.0 4.5	4.0 3.0 4.5 5.0 4.0 3.0	4.0 4.0 5.0 5.5 4.5 3.5		
MONTH	21.0	10.5	15.6	12.5	6.5	9.1	13.5	.0	6.3	6.0	.0	2.0		

# 01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR			MARCH			APRIL			MAY	
1 2 3 4 5	3.5 4.5 5.5 5.5	2.0 3.0 4.5 5.0 4.5	3.0 4.0 5.0 5.0	5.5 6.5 7.5 7.5 6.0	5.0 4.0 5.0 5.5 4.5	5.0 5.5 6.0 7.0 5.0	12.0 13.5 14.5 15.5	11.0 11.0 12.0 13.0 13.0	11.5 12.0 13.0 14.0 14.0	20.0	15.0 15.5 15.0 15.0	17.0 17.0 16.0 15.5 17.5
6 7 8 9 10	4.5 4.5 4.5 5.5	4.5 4.5 4.0 3.5 4.0	4.5 4.5 4.0 4.0 4.5	5.5 5.5 4.5 4.0 4.5	5.0 3.5 2.5 2.5 3.0	5.0 4.5 3.5 3.0 3.5	14.5 16.0 17.0 16.0 13.5	13.0 11.0	13.5 14.0 15.0 14.5 12.5	19.0 17.5 18.5 20.0 20.5	17.5 16.5 16.0 16.5 17.0	18.0 16.5 17.0 18.0 18.5
11 12 13 14 15	6.0 8.0 6.5 5.0	4.0 5.5 4.5 4.0 3.0	5.0 6.5 6.0 4.5 4.0	5.5 4.5 6.0 5.0	3.0 3.0 2.5 3.0 2.5	4.0 4.0 4.5 4.5 3.5	13.0 12.0 13.0 14.0 13.5	10.5 9.5 10.5 11.0	11.5 10.5 11.5 12.5 12.5	21.5 22.0 20.5 19.5 20.0	17.5 18.5 17.5 16.0 16.0	19.5 20.0 19.0 17.5 18.0
16 17 18 19 20	6.0 5.5 6.0 6.0	3.0 4.5 4.5 5.0	4.5 5.0 5.5 5.5	6.5 8.5 10.0 9.5 10.0	3.5 5.0 7.0 7.5 7.0	5.0 6.5 8.5 8.5	12.5 12.5 12.0 12.5 11.5		12.5 11.5 11.0 11.5 11.0		16.0 16.0 17.5 19.5 18.0	17.5 18.0 19.5 20.0 20.0
21 22 23 24 25	5.0 4.0 3.0 3.5 4.0	3.5 2.0 1.0 1.0	4.5 3.0 2.0 2.5 3.0	8.5 7.0 7.0 7.5 9.0	7.0 6.0 5.5 6.5 7.0	7.5 6.5 6.5 7.0 8.0	11.5 14.0 13.5	9.5 10.5 12.0 10.5 11.5	10.5 12.0 13.0 12.0 13.0	23.0 23.5 22.0 20.0 20.0	18.0 19.0 20.0 18.0 17.0	20.5 21.5 20.5 19.0 18.5
26 27 28 29 30 31	5.5 5.0 5.0 	2.5 3.5 5.0 	4.0 4.5 5.0 	7.5 9.0 9.0 9.0 9.0 11.5 12.5 13.5	7.0 7.5 8.5 8.5 10.0	8.0 8.5 8.5 10.0 11.0	16.5 17.0 17.0 18.0 18.5	12.0 14.0 14.0 15.0	14.0 15.5 15.5 16.0 16.5	20.0 21.0 23.0 25.0 28.5 30.5	17.5 17.5 17.5 19.0 16.5 16.5	19.0 19.0 20.0 21.5 22.0 22.5
MONTH	8.0	1.0	4.4	13.5	2.5	6.4	18.5		12.9		15.0	18.8
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	JUNE			JULY			MIN AUGUST			MIN SEPTEMBE	
DAY  1 2 3 4 5	30.5 28.0 27.0	JUNE 15.0 19.5 24.0 22.5 21.5	23.0 24.5 25.5 24.5 23.5	26.5 28.0 30.0 31.5 33.0	JULY 25.0 25.0 25.0 27.0 28.5	25.5 26.5 27.5 29.5 30.5	32.0 31.0 30.0 30.0 29.0	28.5 26.5 25.5 25.5 25.0	30.0 28.5 27.5 27.5 27.0	24.5 24.0 25.5 25.5 25.0	20.5 20.5 20.5	
1 2 3 4 5 6 7 8	30.5 28.0 27.0 26.0	JUNE 15.0 19.5 24.0 22.5 21.5	23.0 24.5 25.5 24.5 23.5		JULY 25.0 25.0 25.0 27.0 28.5		32.0 31.0 30.0 30.0 29.0	28.5 26.5 25.5		24.5 24.0 25.5 25.5 25.0	20.5 20.5 20.0 22.5 23.5 23.5 24.0 23.5	22.5 22.5 23.0 24.0
1 2 3 4 5 6 7 8 9	30.5 28.0 27.0 26.0 26.0 26.5 29.0 30.0 29.5	JUNE  15.0 19.5 24.0 22.5 21.5 21.5 21.5 23.0 25.5 25.5 23.5	23.0 24.5 25.5 24.5 23.5	26.5 28.0 30.0 31.5 33.0 33.5 32.0 30.0 29.5 27.5	JULY  25.0 25.0 25.0 27.0 28.5  29.5 29.0 27.0 25.0 25.0	25.5 26.5 27.5 29.5 30.5	32.0 31.0 30.0 30.0 29.0 29.0 27.5 27.5	28.5 26.5 25.5 25.5 25.0 24.0 24.5 26.0 24.0 22.5	30.0 28.5 27.5 27.5 27.0 26.5 26.5 26.5 25.5	24.5 24.0 25.5 25.5 25.0 25.5 26.0 26.0 24.5	20.5 20.5 20.0 22.5 23.5 23.5 23.5 24.0 23.5 24.0 23.0	22.5 22.5 23.0 24.0 24.0 24.5 24.5 24.5 24.5 25.0 24.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14	30.5 28.0 27.0 26.0 26.0 26.5 29.0 30.0 29.5 27.0 26.5 24.5 24.5 24.5	JUNE  15.0 19.5 24.0 22.5 21.5  21.5 23.0 25.5 23.5  21.5 22.5 22.5 23.5	23.0 24.5 25.5 24.5 23.5 24.0 26.0 27.5 27.5 25.0 23.5 23.5 24.0	26.5 28.0 30.0 31.5 33.0 33.5 32.0 30.0 29.5 27.5 25.5 26.0 25.5	JULY  25.0 25.0 25.0 27.0 28.5  29.5 29.0 27.0 25.0 25.0 23.0 23.0 23.0 23.0	25.5 26.5 27.5 29.5 30.5 31.5 30.5 28.5 27.5 26.5 24.0 24.0 24.0	32.0 31.0 30.0 30.0 29.0 29.0 27.5 27.5 27.5 27.0	28.5 26.5 25.5 25.5 25.0 24.0 24.5 26.0 24.0 22.5 23.0 24.5 25.0	30.0 28.5 27.5 27.5 27.0 26.5 26.5 25.5 25.0 25.5 27.0 27.5 26.5	24.5 24.0 25.5 25.5 25.5 25.0 25.5 26.0 24.5 25.0 25.0 25.0	20.5 20.5 20.0 22.5 23.5 24.0 23.5 24.0 23.0 21.5 21.0 21.5 22.0	22.5 22.5 23.0 24.0 24.0 24.5 24.5 24.5 24.5 25.0 24.0 23.0 23.0 23.0 23.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	30.5 28.0 27.0 26.0 26.0 26.5 29.0 30.0 29.5 27.0 26.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24	JUNE  15.0 19.5 24.0 22.5 21.5  21.5 23.0 25.5 23.5  21.5 22.5 23.5  21.5 22.5 23.5  21.5 22.5 23.5	23.0 24.5 25.5 24.5 23.5 24.0 26.0 27.5 27.5 25.0 23.5 23.5 24.0 25.5 24.0 25.5	26.5 28.0 30.0 31.5 33.0 33.5 32.0 30.0 29.5 27.5 27.5 25.5 26.0 25.5 27.0	JULY  25.0 25.0 27.0 28.5  29.5 29.0 25.0 25.0 25.0 25.0 25.0 25.0 25.5	25.5 26.5 27.5 29.5 30.5 31.5 30.5 27.5 26.5 24.0 24.0 24.0 24.5 26.5 28.0 29.0	32.0 31.0 30.0 30.0 29.0 29.0 27.5 27.5 27.5 27.0 28.0 29.0 29.0 28.0 28.5 28.5	28.5 26.5 25.5 25.5 25.0 24.0 24.5 24.0 22.5 23.0 24.5 25.0 25.0 25.0 25.0 24.5 25.0 24.5	30.0 28.5 27.5 27.5 27.0 26.5 26.5 25.5 25.0 27.0 27.5 26.5 27.0 27.5 26.5 27.0 27.5 26.5	24.5 24.0 25.5 25.5 25.5 25.0 26.0 24.5 25.0 25.0 25.0 25.0 25.0 25.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28	20.5 20.5 20.0 22.5 23.5 23.5 24.0 23.5 24.0 23.0 21.5 21.0 21.5 22.0 22.0	22.5 22.5 23.0 24.0 24.0 24.5 24.5 24.5 25.0 24.0 23.0 23.0 23.0 23.0 23.0 23.5 23.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30	30.5 28.0 26.0 26.0 26.0 30.0 29.5 27.0 26.5 24.5 24.5 24.5 24.5 24.5 24.5 24.5 24	JUNE  15.0 19.5 24.0 22.5 21.5 21.5 23.0 25.5 23.5 21.5 22.5 23.5 21.5 22.5 23.5 21.5 22.5 23.5 21.5 22.5 23.5 21.7 22.5 23.5 22.5 23.5 21.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0	23.0 24.5 24.5 24.5 23.5 24.0 26.0 27.5 27.5 25.0 23.5 24.0 25.5 22.5 22.5 22.5 22.5 22.5 22.5 22	26.5 28.0 30.0 31.5 33.0 33.5 32.0 30.0 29.5 27.5 26.5 27.0 29.0 30.5 31.5 28.5 31.0 28.5 31.0 30.5 31.5	JULY  25.0 25.0 27.0 28.5  29.5 29.0 27.0 25.0 25.0 23.0 22.0 23.0 22.0 24.0 25.5 27.0 26.0 27.0 26.5 26.0 27.0 26.5 26.0 26.5 26.0 26.5	25.5 26.5 29.5 30.5 31.5 30.5 28.5 27.5 26.5 24.0 24.0 24.0 24.5 28.0 29.0 28.0 27.0 28.5 28.5 29.0 28.5 29.0 28.5 28.5 29.0 28.5 28.5 29.0 28.5 28.5 28.5 29.0 28.5 28.5 29.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28	32.0 31.0 30.0 30.0 29.0 29.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	28.5 26.5 25.5 25.5 25.0 24.0 24.5 26.0 24.0 22.5 23.0 24.5 25.0 25.0 25.0 25.0 21.0 21.0 21.0 22.5 23.0 24.5 25.5 26.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	30.0 28.5 27.5 27.5 27.0 26.5 26.5 25.5 25.0 25.5 27.0 27.5 26.5 27.0 27.5 24.5	24.5 24.0 25.5 25.5 25.5 25.5 26.0 26.0 24.5 25.0 25.0 25.0 25.0 25.0 27.0 28.0 29.0 29.0 29.0 29.0 29.0 29.0 29.0 29	20.5 20.5 20.5 20.0 22.5 23.5 24.0 23.5 24.0 23.0 21.5 21.0 21.0 21.0 21.0 21.0 21.0 21.0 21.0	22.5 22.5 22.5 23.0 24.0 24.0 24.5 24.5 24.5 25.0 24.0 23.0 23.0 23.0 23.0 23.0 23.0 17.5 17.5 17.5 17.5 18.0 18.0 17.0 16.5 17.5 18.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	30.5 28.0 27.0 26.0 26.0 26.5 29.0 30.0 29.5 27.0 26.5 24.5 24.5 24.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23	JUNE  15.0 19.5 24.0 22.5 21.5 21.5 23.0 25.5 25.5 23.5 21.5 22.5 22.5 23.5 21.5 22.5 23.5 21.5 22.5 23.5 24.5 24.5 26.0 27.0 27.0	23.0 24.5 25.5 24.5 23.5 24.0 26.0 27.5 27.5 25.0 23.5 24.0 25.5 22.5 22.5 22.5 22.5 22.5 22.5 22	26.5 28.0 30.0 31.5 33.0 32.0 30.0 29.5 27.5 27.5 25.5 26.0 25.5 27.0 29.0 30.5 31.0 28.5 31.0 30.5 31.0 30.5 31.0	JULY  25.0 25.0 27.0 28.5  29.5 29.0 25.0 25.0 25.0 25.0 27.0 25.0 25.0 27.0 26.0 27.0 27.0 26.0 27.0 26.0 27.0 26.0 27.0 26.0 27.0 26.0 27.0	25.5 26.5 27.5 29.5 30.5 31.5 30.5 27.5 26.5 24.0 24.0 24.0 24.0 24.0 29.0 29.0 28.0 27.0 28.5 29.0 29.0 28.5 29.0 28.5 29.0 28.5 29.0 28.5 29.0 28.5 29.0 28.5 29.0 28.5 29.0 29.0 28.5 29.0 29.0 29.0 29.0 29.0 29.0 29.0 29.0	32.0 31.0 30.0 30.0 29.0 29.0 27.5 27.5 27.5 27.5 27.5 27.5 27.5 27.5	28.5 26.5 25.5 25.5 25.0 24.0 24.5 26.0 24.0 22.5 23.0 25.0 25.0 25.0 24.5 25.0 25.0 25.0 24.5 25.0 24.5 25.0 24.5 25.0 24.5 25.0 24.5 25.0 24.5 25.0 25.0 26.0 26.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	30.0 28.5 27.5 27.5 27.5 26.5 26.5 25.5 25.5 27.0 27.5 26.5 27.5 26.5 27.5 26.5 27.5 26.5 27.5 24.5	24.5 24.0 25.5 25.5 25.5 25.0 26.0 24.5 25.0 25.0 25.0 25.0 25.0 25.0 25.0 25	20.5 20.5 20.0 22.5 23.5 23.5 24.0 23.0 21.5 22.0 21.5 22.0 22.0 18.0 17.0 17.0 17.5 16.5 17.5 16.5 17.0 17.5	22.5 22.5 22.5 23.0 24.0 24.0 24.5 24.5 24.5 25.0 24.0 23.0 23.0 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0 23.5 23.0

# 01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

							EK TEAK O					
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER				NOVEMBER			DECEMBER			JANUARY	
1	10.8	7.2	9.0									
2 3												
4												
5												
6												
7 8												
9												
10												
11												
12 13												
14												
15												
16 17												
18												
19 20												
20												
21 22												
23												
24 25												
25												
26 27												
28												
29 30												
31												
MONTH	10.8	7.2	9.0									
11021121	10.0	,.2	3.0									
DAY	M2 37	MIN	MEAN	M7.37	MIN	MEAN	M 2 37	MIN	MEAN	M7 W	MIN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN FEBRUAR		MAX	MIN MARCH	MEAN	MAX	MIN APRIL	MEAN	MAX	MIN <b>MAY</b>	MEAN
1		FEBRUAR			MARCH		13.3	APRIL	12.0		<b>MAY</b>	
1 2		FEBRUAR	Y		MARCH		13.3 14.4	APRIL 10.9 10.4	12.0 12.2		MAY	
1 2 3 4		FEBRUAR	  		MARCH  		13.3 14.4 15.1 13.7	10.9 10.4 10.6 10.2	12.0 12.2 12.5 11.7	   8.5	<b>MAY</b> 6.9	   7.6
1 2 3		FEBRUAR	 	 	MARCH	 	13.3 14.4 15.1	10.9 10.4 10.6	12.0 12.2 12.5		MAY  	 
1 2 3 4 5		FEBRUAR	Y	   	MARCH	  	13.3 14.4 15.1 13.7 13.9	10.9 10.4 10.6 10.2 9.6	12.0 12.2 12.5 11.7 11.5	  8.5 8.2	MAY 6.9 6.9	  7.6 7.5
1 2 3 4 5		FEBRUAR	Y	  	MARCH	  	13.3 14.4 15.1 13.7 13.9	10.9 10.4 10.6 10.2 9.6	12.0 12.2 12.5 11.7 11.5	  8.5 8.2 7.5 7.8	MAY 6.9 6.9 6.5 6.7	  7.6 7.5
1 2 3 4 5 6 7 8		FEBRUAR	Y	    	MARCH	    	13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2	10.9 10.4 10.6 10.2 9.6 10.4 10.2 9.2 7.8	12.0 12.2 12.5 11.7 11.5 11.5 11.5 11.3 8.2	  8.5 8.2 7.5 7.8 7.7	MAY 6.9 6.9 6.5 6.7 6.5 6.2	7.6 7.5 7.0 7.1 7.1 6.9
1 2 3 4 5		FEBRUAR	Y	  	MARCH	  	13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2	10.9 10.4 10.6 10.2 9.6 10.4 10.2	12.0 12.2 12.5 11.7 11.5 11.5 11.2	  8.5 8.2 7.5 7.8 7.8	MAY 6.9 6.9 6.5 6.7 6.5	  7.6 7.5 7.0 7.1 7.1
1 2 3 4 5 6 7 8 9 10		FEBRUAR	Y	    	MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7	10.9 10.4 10.6 10.2 9.6 10.4 10.2 9.2 7.8 7.7 8.1	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4	8.5 8.2 7.5 7.8 7.7 8.7	MAY 6.9 6.9 6.5 6.7 6.5 6.2 6.6	7.6 7.5 7.0 7.1 7.1 6.9 7.6
1 2 3 4 5 6 7 8 9		FEBRUAR	Y	    	MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7	10.9 10.4 10.6 10.2 9.6 10.4 10.2 7.8 7.7	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2	7.5 7.8 7.8 7.7 8.7	MAY 6.9 6.9 6.5 6.7 6.5 6.2 6.6	  7.6 7.5 7.0 7.1 7.1 6.9 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2	APRIL  10.9 10.4 10.6 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.9 9.8	8.5 8.2 7.5 7.8 7.7 8.7 8.7 8.6 8.7 7.2	MAY 6.9 6.9 6.5 6.7 6.5 6.2 6.6 6.4 5.9	7.6 7.5 7.0 7.1 6.9 7.6 7.6 7.5
1 2 3 4 5 6 7 8 9 10		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6	10.9 10.4 10.6 10.2 9.6 10.4 10.2 9.2 7.8 7.7	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4	7.5 8.2 7.5 7.8 7.8 7.7 8.7 8.6 8.7 7.2 9.3	MAY 6.9 6.9 6.5 6.7 6.5 6.2 6.6 6.6	 7.6 7.5 7.0 7.1 7.1 7.6 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1	APRIL  10.9 10.4 10.6 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5 7.2	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.9 9.8 9.2	8.5 8.2 7.5 7.8 7.7 8.7 8.7 8.7 9.3	MAY 6.9 6.9 6.5 6.7 6.5 6.2 6.6 6.4 5.9 6.3 6.4	7.6 7.5 7.0 7.1 6.9 7.6 7.6 7.7 7.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR	Y	       	MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2	10.9 10.4 10.6 10.2 9.6 10.4 10.2 9.2 7.8 7.7 8.1 8.8 9.4 9.3 8.5	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.9 9.8 9.2	7.5 8.2 7.5 7.8 7.8 7.7 8.7 8.6 8.7 7.2 9.3	MAY 6.9 6.9 6.5 6.7 6.5 6.2 6.6 6.4 5.9 6.3	7.6 7.5 7.0 7.1 7.1 6.9 7.6 7.6 7.5 6.6 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1	APRIL  10.9 10.4 10.6 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5  7.2 7.2 8.6 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.8 9.2 7.8 8.2 9.2	8.5 8.2 7.5 7.8 7.7 8.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.0 8.4	MAY 6.9 6.9 6.5 6.7 6.2 6.6 6.4 5.9 6.3 6.4 6.1 6.4 6.1 5.1	7.6 7.5 7.0 7.1 6.9 7.6 7.6 7.7 7.8 7.6 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1	APRIL  10.9 10.4 10.6 10.2 9.6  10.4 10.2 9.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5 7.2 7.2 8.6	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.9 9.8 9.2 7.8 8.2 9.4	  8.5 8.2 7.5 7.8 7.7 8.7 8.7 8.7 7.2 9.3 9.4 9.3 9.0 8.4	MAY 6.9 6.9 6.5 6.7 6.5 6.2 6.6 6.4 5.9 6.3 6.4 6.1 6.1	7.6 7.5 7.0 7.1 7.1 6.9 7.6 7.5 6.6 7.7 7.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.0 9.1 10.7 11.2 10.8	APRIL  10.9 10.4 10.6 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5  7.2 7.2 8.6 9.3 9.1 8.7	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.9 9.8 9.2 7.8 8.2 7.8 8.2	8.5 8.2 7.5 7.8 7.7 8.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.4	MAY 6.9 6.9 6.5 6.7 6.2 6.6 6.4 5.9 6.3 6.4 6.1 6.4 6.1 5.1	7.6 7.5 7.0 7.1 6.9 7.6 7.6 7.7 7.8 7.6 7.6 7.6 7.6 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.1 10.7 11.2 10.8	10.9 10.4 10.2 9.6 10.4 10.2 7.8 7.7 8.1 8.8 9.4 9.3 8.5 7.2 7.2 8.6 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.9 9.8 9.2 7.8 8.2 9.4 10.2 9.9	 8.5 8.2 7.5 7.8 7.8 7.7 8.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.0 8.4 6.6 7.4	MAY 6.9 6.9 6.5 6.7 6.52 6.6 6.4 5.9 6.3 6.4 5.9 6.1 5.1 5.1	7.6 7.5 7.0 7.1 7.1 6.9 7.6 7.5 6.6 7.7 7.8 7.6 7.1 5.6 6.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.0 9.1 10.7 11.2 10.8	APRIL  10.9 10.4 10.6 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5  7.2 7.2 8.6 9.3 9.1 8.7 9.9 8.8 8.8	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.9 9.8 9.2 7.8 8.2 9.9 9.8 9.2	8.5 8.2 7.5 7.8 7.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.0 8.4 6.6 7.4	MAY 6.9 6.9 6.5 6.7 6.2 6.6 6.4 5.9 6.3 6.4 6.1 6.4 5.1 5.1	7.6 7.5 7.0 7.1 6.9 7.6 7.6 7.7 7.8 7.6 7.6 7.6 7.6 7.6 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.1 10.7 11.2 10.8	APRIL  10.9 10.4 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5  7.2 7.2 8.6 9.3 9.1 8.7 9.9 8.8 8.8 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.9 9.8 9.2 7.8 8.2 9.4 10.2 9.9	 8.5 8.2 7.5 7.8 7.8 7.7 8.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.0 8.4 6.6 7.4	MAY 6.9 6.9 6.5 6.7 6.52 6.6 6.4 5.9 6.3 6.4 5.1 5.1 5.4 5.0	7.6 7.5 7.0 7.1 7.1 6.9 7.6 7.5 6.6 7.7 7.8 7.6 7.1 5.6 6.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.0 9.1 11.7 11.8 10.5 11.1	APRIL  10.9 10.4 10.6 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.3 8.5  7.2 7.2 8.6 9.3 9.1  8.7 9.9 8.8 8.8 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.9 9.8 9.2 7.8 8.2 9.9 9.8 9.2 7.8 8.2 9.9	8.5 8.2 7.5 7.8 7.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.0 8.4 6.6 7.4	MAY 6.9 6.9 6.5 6.7 6.2 6.6 6.4 5.9 6.3 6.4 6.1 6.4 5.1 5.1 5.4 5.0	7.6 7.5 7.0 7.1 6.9 7.6 7.6 7.6 7.7 7.8 7.6 7.6 7.6 7.6 7.6 7.1 5.6 6.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.1 10.7 11.2 10.8 11.7 11.8 10.5 11.1 11.6	APRIL  10.9 10.4 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5  7.2 8.6 9.3 9.1  8.7 9.9 8.8 8.8 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.9 9.8 9.2 7.8 8.2 9.4 10.2 9.9	8.5 8.2 7.5 7.8 7.7 8.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.0 8.4 6.6 7.4	MAY 6.9 6.9 6.5 6.7 6.5 6.6 6.4 5.9 6.1 5.1 5.4 6.1 5.1 5.4	7.6 7.5 7.0 7.1 7.6 7.6 7.6 7.5 6.6 7.7 7.8 7.6 7.1 5.6 6.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUAR	Y	         	MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.0 9.1 11.7 11.8 10.5 11.1 11.6	APRIL  10.9 10.4 10.6 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.3 8.5  7.2 7.2 8.6 9.3 9.1 8.7 9.9 8.8 8.8 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.9 9.8 9.2 7.8 8.2 9.9 9.8 9.2 7.8 8.2 9.9 9.8 9.2	8.5 8.2 7.5 7.8 7.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.0 8.4 6.6 7.4 7.2 7.1	MAY 6.9 6.9 6.5 6.7 6.2 6.6 6.4 5.9 6.3 6.4 6.1 5.1 5.1 5.4 5.0	7.6 7.5 7.0 7.1 6.9 7.6 7.6 7.7 7.8 7.6 7.6 7.6 7.6 7.6 7.1 5.6 6.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.1 10.7 11.2 10.8 11.7 11.8 10.5 11.1 11.6	APRIL  10.9 10.4 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5  7.2 8.6 9.3 9.1  8.7 9.9 8.8 8.8 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.9 9.8 9.2 7.8 8.2 9.4 10.2 9.9 10.2 9.9 10.2 9.9 10.3	8.5 8.2 7.5 7.8 7.7 8.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.0 8.4 6.6 7.4	MAY 6.9 6.9 6.5 6.7 6.5 6.6 6.4 5.9 6.1 5.1 5.4 6.1 5.1 5.4	7.6 7.5 7.0 7.1 7.6 7.6 7.6 7.5 6.6 7.7 7.8 7.6 7.1 5.6 6.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30		FEBRUAR	Y		MARCH		13.3 14.4 15.1 13.7 13.9 13.0 12.3 11.2 9.2 8.7 8.8 10.1 10.6 10.2 10.1 9.0 9.1 11.7 11.8 10.5 11.1 11.6	APRIL  10.9 10.4 10.2 9.6  10.4 10.2 7.8 7.7  8.1 8.8 9.4 9.3 8.5  7.2 8.6 9.3 9.1  8.7 9.9 8.8 9.3	12.0 12.2 12.5 11.7 11.5 11.5 11.2 10.3 8.2 8.2 8.4 9.4 9.8 9.2 7.8 8.2 9.2 7.8 8.2 9.4 10.2 9.9 10.2 9.9	8.5 8.2 7.5 7.8 7.7 8.7 8.6 8.7 7.2 9.3 9.4 9.3 9.4 7.2 7.1	MAY 6.9 6.9 6.5 6.7 6.6 6.6 6.4 5.9 6.3 6.4 6.1 5.1 5.1	7.6 7.5 7.0 7.1 6.9 7.6 7.6 7.7 7.8 7.6 7.6 7.6 7.6 7.6 7.1

# 01472104 SCHUYLKILL RIVER AT VINCENT DAM AT LINFIELD, PA--Continued

OXYGEN DISSOLVED (MG/L), WATER YEAR OCTOBER 1998 TO SEPTEMBER 1999

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
JUNE					JULY			AUGUST		S	EPTEMBE	R
1 2 3 4 5	 7.1 7.6 8.1	 4.7 5.2 5.5	 5.8 6.3 6.7	7.2 7.2 7.3 7.5 7.8	4.3 4.5 4.2 4.0 4.0	5.7 5.8 5.6 5.7 5.9	  	  		  	  	  
6 7 8 9 10	8.1 7.8 7.7 8.2 8.0	5.7 5.4 4.9 4.9 5.3	6.8 6.6 6.3 6.5	8.1 8.1 7.7 7.8 7.6	3.9 3.8 4.4 4.7 4.9	5.9 6.1 6.0 6.2 6.9	  			  		
11 12 13 14 15	8.8 8.3 7.6 8.5 8.4	5.8 6.1 5.6 5.2 5.4	7.2 7.2 6.7 6.6 7.0	7.5 7.5 7.9 8.1 8.7	5.1 6.6 7.3 6.0 6.0	7.0 7.3 7.6 7.6 7.3	  	  		  		  
16 17 18 19 20	8.3 6.8 8.4 8.5 8.8	5.2 5.2 5.8 5.9 6.0	6.6 6.0 7.0 7.1 7.2	8.6 8.6 8.6 8.2	5.9 5.6 5.3 5.2 5.2	7.2 7.1 6.9 6.9	  			  		
21 22 23 24 25	8.7 8.7 8.4 8.4 7.5	6.1 6.4 5.6 5.4 5.2	7.3 7.5 7.1 6.9 6.6	8.5   	5.5   	7.0   	  			  		
26 27 28 29 30 31	9.4 9.7 8.6 7.8 7.4	5.4 5.7 4.8 4.1 4.4	7.6 7.8 6.9 6.0 5.8	   	  	  	   	  	  	   	  	
MONTH	9.7	4.1	6.8	8.7	3.8	6.6						